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APPLICATION NUMBER	FILING or 371(c) DATE	GR/PART UNIT	FIL PER REC'D	ATTY DOCKET NO	TOT CLAIMS	END CLAIMS
10/579,565	05/12/2006	1793	450	IP211.9.001 APC	15	2

CONFIRMATION NO. 5508

## FILING RECEIPT



0000000029978756

20995  
KNOBBE MARTENS OLSON & BEAR LLP  
2040 MAIN STREET  
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Date Mailed: 04/21/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

## Applicant(s)

Neil Griffin, Cambridgeshire, UNITED KINGDOM  
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Power of Attorney: The patent practitioners associated with Customer Number 20995

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/GB04/04500 11/15/2003

Foreign Applications This application is a 371 of PCT/GB04/040808 11/15/2004

UNITED KINGDOM 0326597.2 11/14/2003

If Required, Foreign Filing License Granted: 02/26/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention,  
is US 10/579,565

Projected Publication Date: 371 Perfected

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

**Title**

Laser Marking System

**Preliminary Class**

219

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**NATIONAL PHASE  
UTILITY APPLICATION**

**Transmittal to the (DO/EO/US)  
Under 35 USC 371**

Attorney Docket No.: IP21L9.001APC  
First Named Inventor: Samuel C. Hyde  
Int'l Application No.: PCT/GB2004/004808  
Int'l Filing Date: November 15, 2004  
Priority Date Claimed: November 14, 2003  
Title: A LASER MARKING SYSTEM  
Express Mail Label No.: EV 466894441 US

**Direct all correspondence to Customer No.: 20995**

Date: May 12, 2006

Page 1 of 2

**Mail Stop PCT**

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Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

1. Samuel C. Hyde
2. Neil Griffin

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) is attached hereto.
- (X) A copy of the International Search Report is attached hereto.
- (X) An English translation of the International Application as filed is not required.

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in 5 pages.
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing 4 references.
  - (X) Enclosing 1 reference.
- (X) Return prepaid postcard.

**NATIONAL PHASE  
UTILITY APPLICATION**

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Under 35 USC 371**

Attorney Docket No.: IP21L9.001APC  
First Named Inventor: Samuel C. Hyde  
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Date: May 12, 2006  
Page 2 of 2

**FILING FEES:**

The present application qualifies for Small Entity Status under 37 CFR 1.27.

FEE CALCULATION			
FEE TYPE & DETERMINATION	SMALL FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)	2631 (\$150)		\$150
Search Fee under 1.492(b) ( <i>enter one in TOTAL column</i> )			
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	2640 (\$0)		\$200
(2) USPTO was the ISA (noncompliant claims)	2641 (\$50)		
(3) Foreign Search Report Enclosed	2642 (\$200)		
(4) No Search Report Enclosed	2632 (\$250)		
Examination Fee under 1.492(c) ( <i>enter one in TOTAL column</i> )			
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	2643 (\$0)		\$100
(2) Non US IPEA or Noncompliant Claims	2633 (\$100)		
Excess Claims	15 - 20 = 0	2615 (\$25)	0 x 25 = \$0
Excess Ind. Claims	2 - 3 = 0	2614 (\$100)	0 x 100 = \$0
Multiple Dep. Claim		2616 (\$180)	\$0
Application Size Fee	22 - 100 =	2681 (\$125)	x 125 = \$0
Late English Translation		1618 (\$)	
Assignment		8021 (\$40)	0 x 40 = \$0
<b>TOTAL FEE DUE</b>			<b>\$450</b>
<b>TOTAL FEE PAID</b>			<b>\$450</b>

(X) A check in the amount of \$450 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

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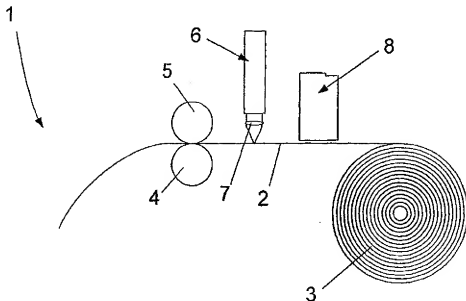
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(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI

[Continued on next page]

(54) Title: A LASER MARKING SYSTEM



(57) Abstract: A laser marking system comprises means for transmitting the laser-emitted light onto one or a plurality of points on a substrate, with means for displacing the substrate and laser light emitting source relative to one another, wherein the substrate is selected to be sufficiently sensitive to the emitted light so that a reaction occurs at either said point or plurality of points which marks the substrate and characterised by the feature that the laser light emitting source comprises an array of lasers.



FR, GB, GR, HU, IE, IS, IT, LJ, MC, NL, PL, PT, RO, SE, SI, SK, TR). OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KH, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW. ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA,

SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LJ, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- of inventorship (Rule 4.17(iv)) for US only

#### Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.